

FIG. 4

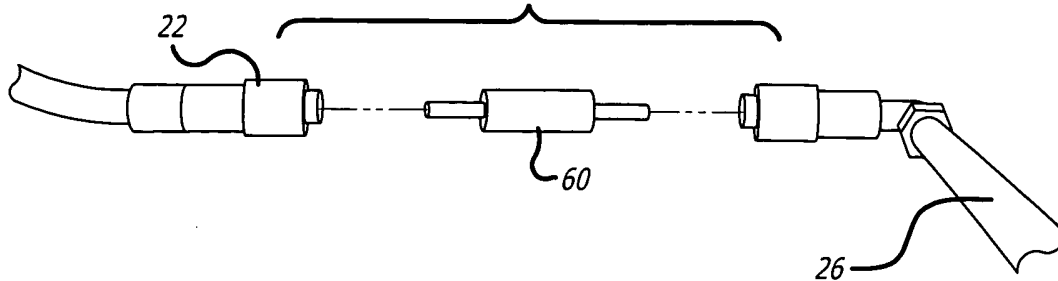


FIG. 5

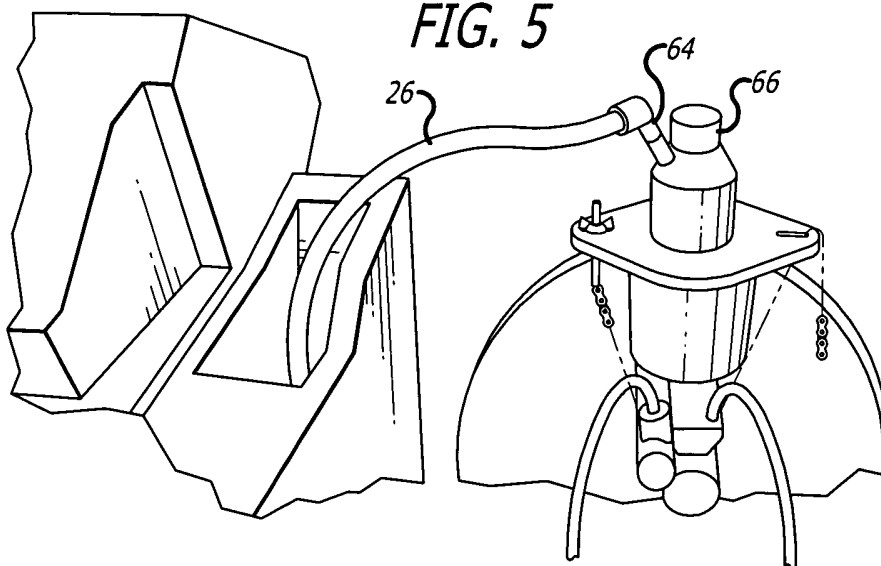
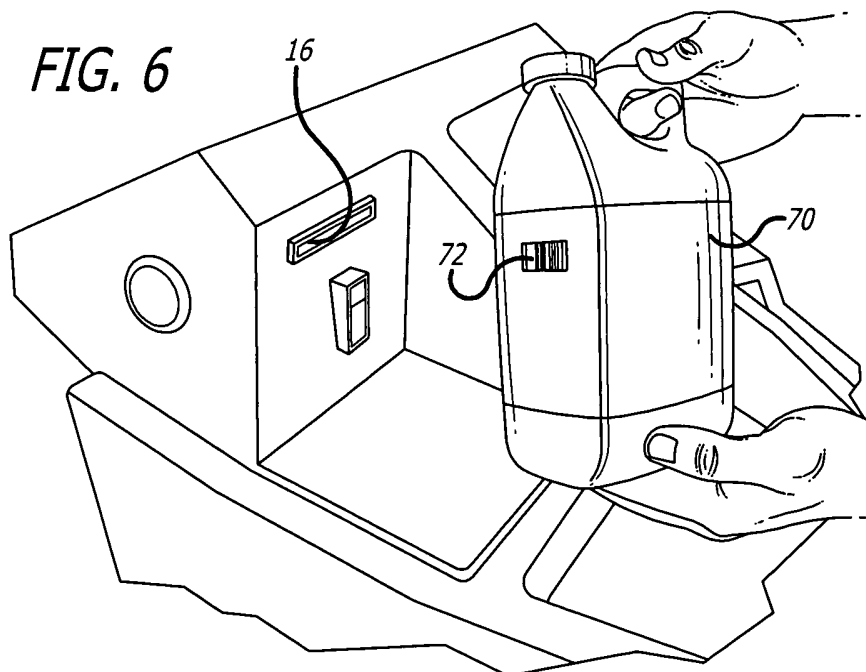


FIG. 6



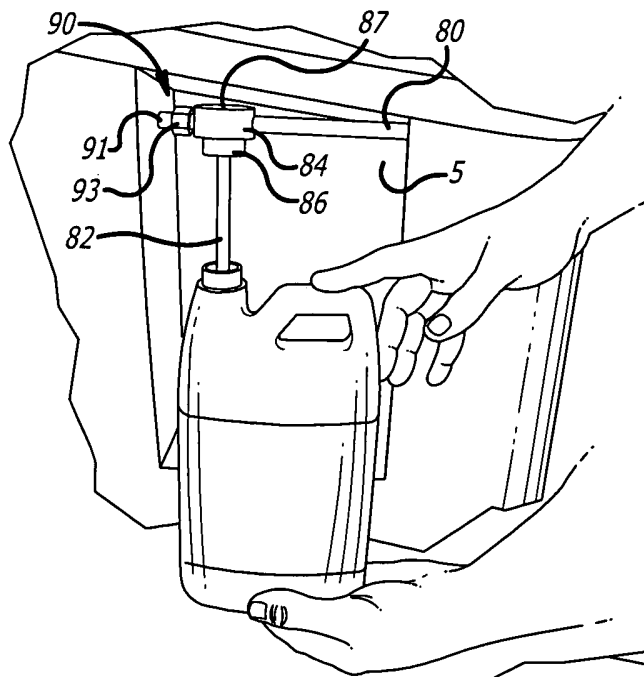


FIG. 7

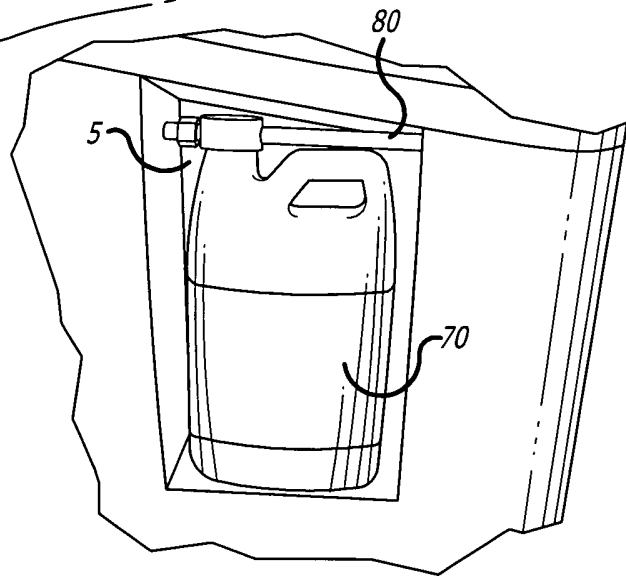


FIG. 8

FIG. 9

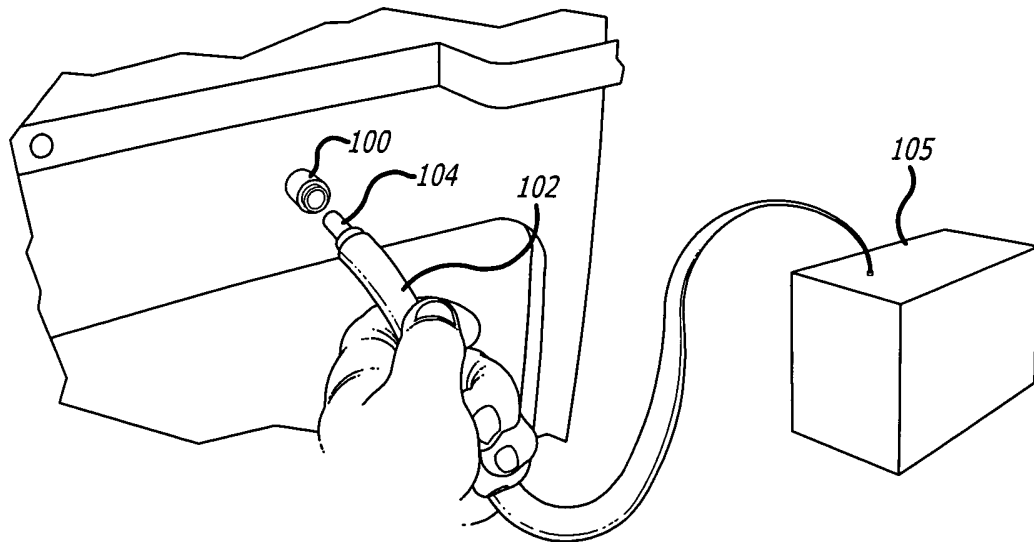
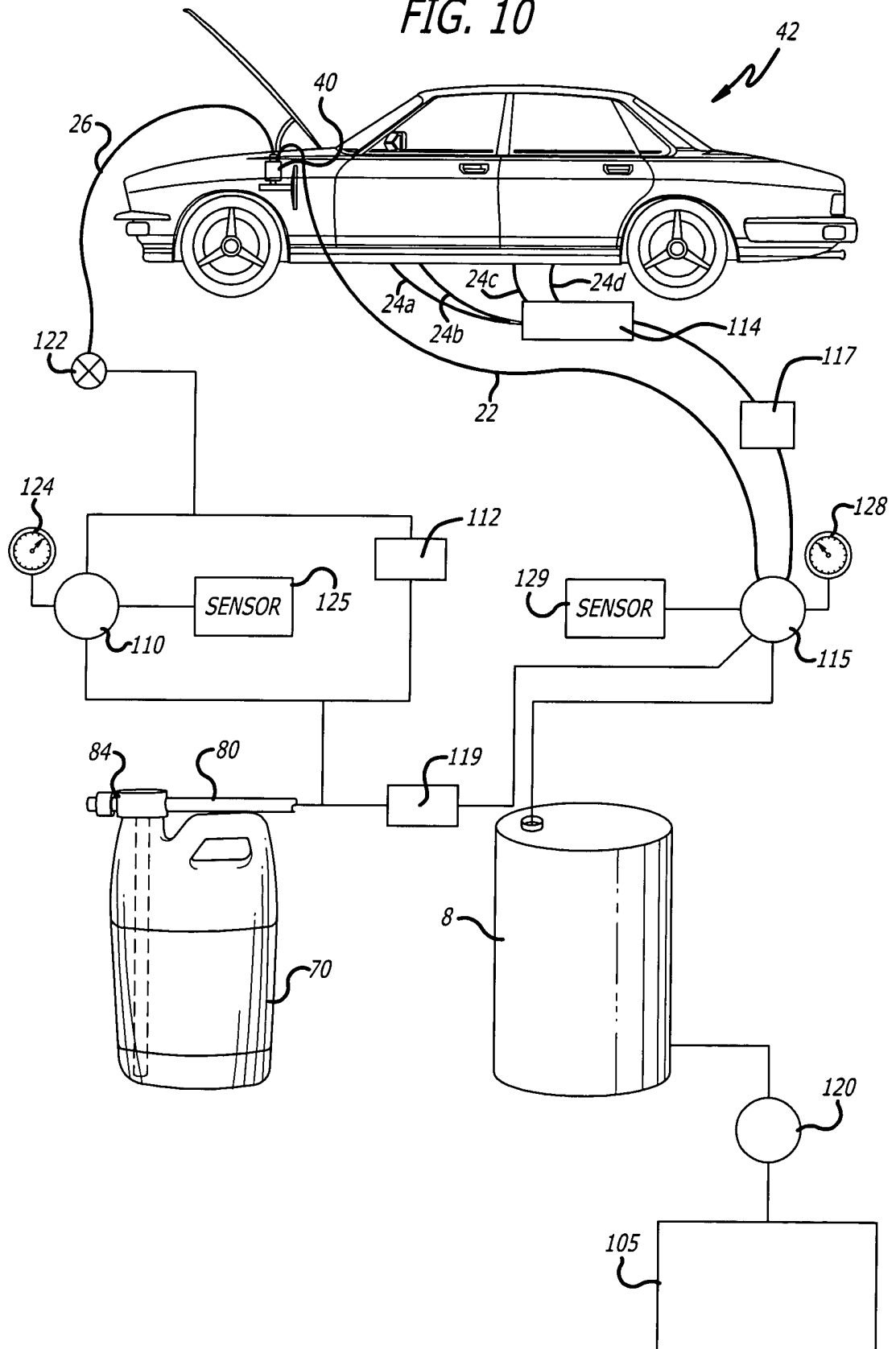


FIG. 10



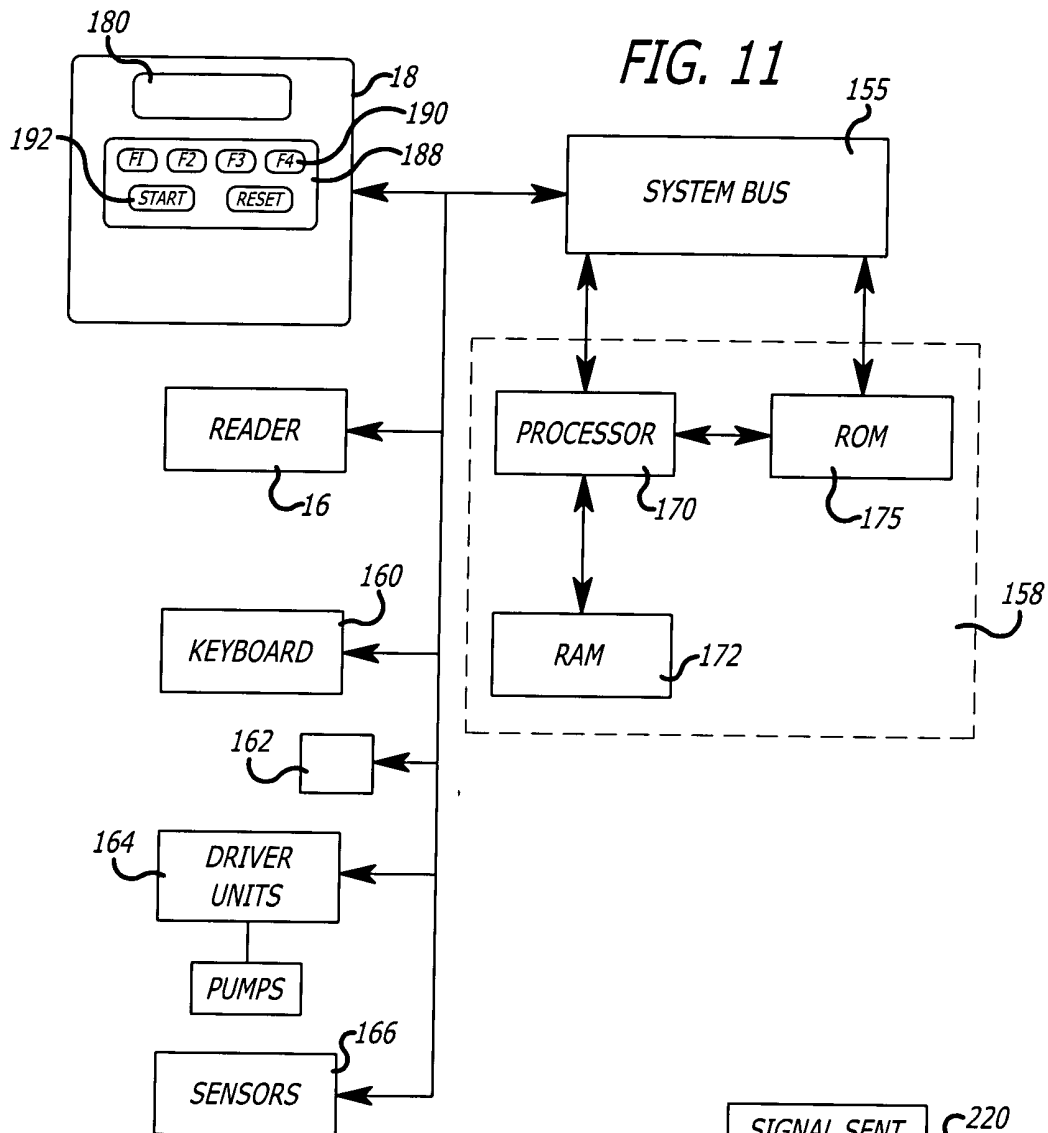
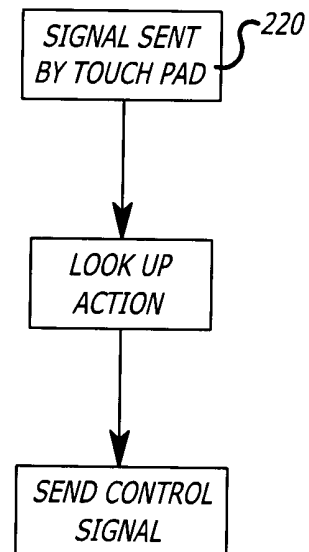


FIG. 12



START	INITIALIZE SYSTEMS
RESET	TURN SYSTEM ON, ENABLE COMMANDS, RESET TO PREVIOUS STATUS
(F1) M/C CLEAN OUT	OPERATE PUMPS TO DRAIN M/C
(F2) M/C FILL	OPERATE PUMPS TO PROVIDE FLUID TO M/C
(F3) FLUID EXCHANGE	OPERATE PUMPS TO PROVIDE SURGING PRESSURE
(F4) UTILITY	(F1) EMPTY WASTE (F2) SYSTEM PRIME
READ	READ BARCODE, PROVIDE MESSAGE

FIG. 13

	117	112	119	PUMP 110	PUMP 115	PUMP 120
F1	closed	closed	closed	off	on	off
F2	closed	closed	closed	on	off	off
F3	open	closed	closed	on	on	off
Pressure Reduction after F2 or F3	closed	open	open	off	on	off
Empty container after F3	closed	closed	open	off	on	off
Empty waste	closed	closed	closed	off	off	on

FIG. 14